

ABSTRACT

1 Methods and apparatus are described for improving convergence time of a
2 reference signal-to-interference (SIR) value calculated in outer loop power control for
3 use in inner loop power control. Instead of considering only error rate information for
4 each transport channel individually, other information, such as quality information from
5 other transport channels and block rate information for the channel, is also considered
6 to determine the reference SIR. By considering such other information, an improved
7 outer loop power control is achieved, thus reducing the power needed for the physical
8 channel and increasing the capacity of the communication system.